

CLAIM AMENDMENTS:

Please amend the claims as follows:

1 1. (amended) A flexible surface lighting system comprising:
2 a base having a first hardness and a channel having opposing sides and a
3 mount surface;
4 a first flange and a second flange having a second hardness less than the
5 first hardness, attached to opposing sides of the channel on the base; and,
6 a lens inserted into the channel and between the first and second flanges.

1 2. (original) The flexible surface lighting system of Claim 1 further
2 comprising a lens buffer attached to the mount surface and supporting the lens.

1 3. (amended) The flexible surface lighting system of Claim 2 where the
2 lens buffer comprises a third hardness less than the first hardness.

1 4. (original) The flexible surface lighting system of Claim 1 where the
2 first hardness is at least 94 Duro on the Shore OO scale.

1 5. (amended) The flexible surface lighting system of Claim ~~1~~ 4 where
2 the second hardness is less than the first hardness.

1 6. (amended) A flexible surface lighting system comprising:
2 a base extrusion of polyvinyl chloride having a first hardness and a
3 channel having opposing sides and a mount surface;
4 a first flange extrusion and a second flange extrusion of polyvinyl
5 chloride having a second hardness less than the first hardness, attached to
6 opposing sides of the channel on the base extrusion; and,
7 a lens inserted into the channel and between the first and second flange
8 extrusions.

1

1 7. (original) The flexible surface lighting system of Claim 6 where the
2 first hardness is from 89-98 Duro on the Shore OO scale.

1 8. (original) The flexible surface lighting system of Claim 7 where the
2 second hardness is less than the first hardness.

1 9. (original) The flexible surface lighting system of Claim 6 further
2 comprising a butt seal inserted in the channel.

1 10. (original) The flexible surface lighting system of Claim 6 where the
2 base extrusion, first flange extrusion and second flange extrusion are co-
3 extruded.

1 11. (amended) A flexible surface lighting system comprising:
2 a base extrusion having a first hardness and a channel having opposing
3 sides and a mount surface;
4 at least two electrical leads in the channel;
5 a first flange extrusion and a second flange extrusion of polyvinyl
6 chloride having a second hardness less than the first hardness, attached to
7 opposing sides of the channel on the base extrusion;
8 a lens inserted into the channel over the at least two leads and between
9 the first and second flange extrusions; and,
10 an LED module comprising a circuit board secured to a module base;
11 where the LED module is attached to the at least two electrical leads in the
12 channel below the lens; the circuit board having an LED and at least two
13 contact teeth whereby each contact tooth makes electrical contact with one of
14 the at least two electrical leads.

1 12. (original) The flexible surface lighting system of Claim 11 where
2 the at least two electrical leads further comprise a non-conductive sheath and
3 where each contact tooth pierces the non-conductive sheath to make electrical
4 contact with one of the at least two electrical leads.

5 13. (original) The flexible surface lighting system of Claim 11 where a
6 gasket with a thickness covers a side of the circuit board and where the at least
7 two contact teeth traverse the thickness of the gasket to make electrical contact
8 with the at least two electrical leads.

1 14. (original) The flexible surface lighting system of Claim 11 where
2 the module base further comprises a set of snap tabs whereby the circuit board
3 is secured to the module base by snapping the circuit board onto the base by
4 the set of snap tabs.

1 15. (amended) The flexible surface lighting system of Claim 14 where
2 the circuit board further comprises a first support length and a second support
3 length; where the first support length differs in length from the second support
4 length; and where the set of snap tabs further comprise a first set of snap tabs
5 separated by a first distance corresponding to the first support length and a
6 second set of snap tabs separated by a second distance corresponding to the
7 second support length whereby installation of the circuit board with a proper
8 polarity on the module base is guided by the set of snap tabs and the first and
9 second support length.